BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

e *of the work:* **Estimate for Improvements to Roads and Drains at Kuvempunagara 2nd Stage ard No. 11, Vidyaranyapura Sub Division.**

						Estimate Cost:		4000000.00
Description	Unit	No.	L	B	D	Qty	Rate	Amount
SRRB 300-1. Earth work excavation by manual leans in ordinary soil involving an average orizontal throw upto 2 meters and an average lift pto 0.5m, excavated surface leveled and sides eatly dressed, the disposed earth to be leveled eatly after breaking of clods complete as per pecifications complete as per specifications MORTH chapter 3. **Page No. 138 / Item No. 19.1 PWD SR 2014-15**	Cum							
Desilting of Drains								
Gutte Ganapathi Temple Down		2	80.00	0.45	0.35	25.20		
Gutte Ganapathi Temple Surrounding		2	85.00	0.45	0.35	26.78		
		2	90.00	0.45	0.35	28.35		
		2	65.00	0.45	0.35	20.48		
Valmikinagara		2	70.00	0.45	0.35	22.05		
Kuvempunagara 2nd Stage		2	80.00	0.45	0.35	25.20		
		2	70.00	0.45	0.35	22.05		
		2	55.00	0.45	0.35	17.33		
For CC Road								
Gutte Ganapathi Temple Down		1	80.00	4.00	0.15	48.00		
Gutte Ganapathi Temple Surrounding		1	85.00	4.50	0.15	57.38		
		1	90.00	4.00	0.15	54.00		
		1	65.00	4.00	0.15	39.00		
Valmikinagara		1	70.00	5.50	0.15	57.75		
Kuvempunagara 2nd Stage		1	80.00	5.00	0.15	60.00		
		1	70.00	5.00	0.15	52.50		
		1	55.00	4.90	0.15	40.43		
						596.48	75.60	**45094.00**
Basic Rate	70.00							
Area Weightage @8%	5.60							
Total	**75.60**							

Description	Unit	No.	L	B	D	Qty	Rate	Amount
KSRB 4-1.3 : Providing and laying in position plain cement concrete of **mix 1:4:8 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2. **No. 12/ Item No. 4.3/ PWD SR 2014-15**	Cum							
Gutte Ganapathi Temple Down		1	80.00	4.00	0.15	48.00		
Gutte Ganapathi Temple Surrounding		1	85.00	4.50	0.15	57.38		
		1	90.00	4.00	0.15	54.00		
		1	65.00	4.00	0.15	39.00		
Valmikinagara		1	70.00	5.50	0.15	57.75		
Kuvempunagara 2nd Stage		1	80.00	5.00	0.15	60.00		
		1	70.00	5.00	0.15	52.50		
		1	55.00	4.90	0.15	40.43		
						409.05	4847.04	**1982682.00**
Basic Rate	4488.00							
Area Weightage @ 8%	359.04							
Total	**4847.04**							
Providing and laying cement concrete using 20mm and down size granite jelly of **ready mixed concrete (RMC)for R.C.C works** laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams. **Page No. 18 / Item No. 4.48 / PWD SR 2014-15**	Cum							
Gutte Ganapathi Temple Down		1	80.00	4.00	0.10	32.00		
Gutte Ganapathi Temple Surrounding		1	85.00	4.50	0.10	38.25		
		1	90.00	4.00	0.10	36.00		
		1	65.00	4.00	0.10	26.00		
Valmikinagara		1	70.00	5.50	0.10	38.50		
Kuvempunagara 2nd Stage		1	80.00	5.00	0.10	40.00		
		1	70.00	5.00	0.10	35.00		
		1	55.00	4.90	0.10	26.95		
						272.70	5847.12	**1594510.00**
Basic Rate	5414.00							
Area Weightage @ 8%	433.12							
Total	**5847.12**							

Description	Unit	No.	L	B	D	Qty	Rate	Amount
Vaccum De-watering with vaccum pump and suction mat and compaction with skin floater slubbed with floating disc including cost of generator HOM of machinery Screed Vibratiry, Power Floater, blade and disc etc., with all lead and lift No. **171 / Item No. 22.7 / PWD SR 2014-15**	Sqm							
Gutte Ganapathi Temple Down		1	80.00	4.00		320.00		
Gutte Ganapathi Temple Surrounding		1	85.00	4.50		382.50		
		1	90.00	4.00		360.00		
		1	65.00	4.00		260.00		
Valmikinagara		1	70.00	5.50		385.00		
Kuvempunagara 2nd Stage		1	80.00	5.00		400.00		
		1	70.00	5.00		350.00		
		1	55.00	4.90		269.50		
						2727.00	97.20	**265064.00**
Basic Rate	90.00							
Area Weightage @ 8%	7.20							
Total	**97.20**							
Providing **groove cutting** for width of 5mm to 10mm and depth 80mm-100mm including cost of cutting machine, generator and HOM of machinery including cost of blade coolant etc including cleaning of groove and providing sand and hot bitumne fillars, and filler metal etc., including cost of converyance of all materials, labours, lead and lift charges and all other incidental charges as per drawing and as per specification **Concrete Pavement Page No. 172 / Item No. 22.8.1 / PWD SR 2014-15**	Rmt							
		8	4.00			32.00		
		8	4.50			36.00		
		9	4.00			36.00		
		6	4.00			24.00		
		7	5.50			38.50		
		8	5.00			40.00		
		6	5.00			30.00		
		5	4.90			24.50		
						261.00	124.20	**32416.00**
Basic Rate	115.00							
Area Weightage @ 8%	9.20							
Total	**124.20**							
Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123)	Cum							
		Vide Item No. 1				**536.83**	73.57	**39494.00**
Basic rate for haulage of materials as per item no.17.4 page 141) Rs. 2.00								

Description	Unit	No.	L	B	D	Qty	Rate	Amount
Average weight of earth 1.28 tonne / kg for 2X1.28X2.00=5.12	5.12							
Add loading and unloading Vide item no.17.1 P.no.130 PWD SR 2014-15	63.00							
	68.12							
Area Weightage @ 8%	5.45							
Total	**73.57**							
Sub Total								**3959260.00**
For Third Party QC Charges @ 1%								**39593.00**
Miscellaneous and other Charges	L/S							**1147.00**
							Total	**4000000.00**
(Rupees Fourty Lakhs Only)								

RTIFICATE :

The work spot has been inspected and the work is found necessary.
This estimate is prepared as per PWD SR of 2014-15.
This work included under MLA Grants 2015-16.
The provisions were made in this estimate are necessary and adequate.
This works come under B.B.M.P. limits.

Junior Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

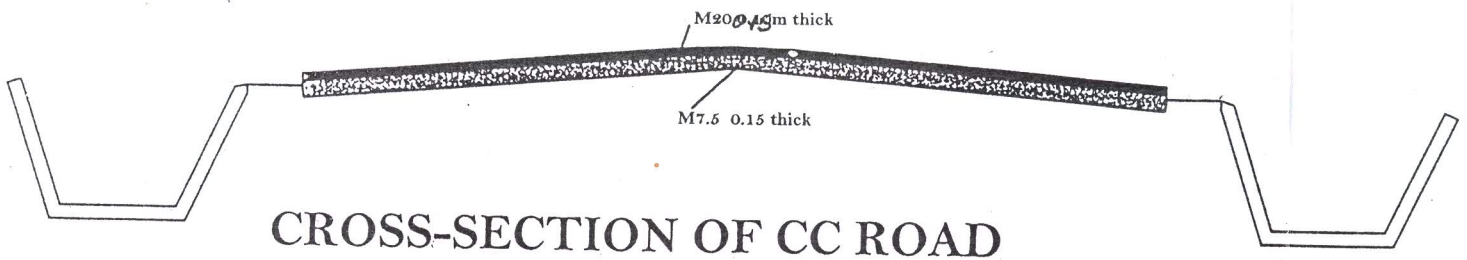
ADMINISTRATIVELY SANCTIONED FOR Rs 40.00 lakhs
Rupees Fourty lakhs only
Under P 3089
Registered as EE ( ) No 3 ..9....
Subject to conditions contained in
enclosed memo EE ( ) No ...../9...
Dt Estimate A/Sanctioned
dated 20/8/2015 Rs 40.00 lakhs

Technical Sanction
Accorded for 40.00 lakh Rs.
Head of A/C P3089
CER NO :64 Dt:21-8-15

TA CE (YNK)

Joint Commissioner
(Yelahanka Zone)
BBMP Bengaluru-92.

NAME OF WORK:-



CROSS-SECTION OF CC ROAD

INDEX

M7.5 1:4:8 0.15m Thick

M20 1:1.5:3 0.10m Thick

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER
VIDYARANYAPURA SUB DIVISION.